

# NEBRASKA WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending September 11, 1994

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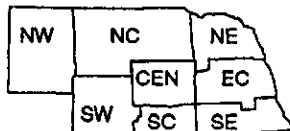
Phone: (402) 437-5541

Location: 273 Federal Bldg.

P.O. Box 81069

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources-UN-L

## WEATHER

The week was relatively warm and dry. Temperatures averaged from three to nine degrees above normals. Only trace amounts of precipitation occurred during the week throughout most of the State.

## GENERAL

Warmer than normal temperatures last week contributed to the continued rapid maturity of the fall maturing crops, according to the Nebraska Agricultural Statistics Service. Harvest was off to a limited start across the State for corn and soybeans. Once again, the warmer, drier conditions which help maturing crops hinder pasture regrowth and fall seeded crops. Producer activities included pre-harvest equipment maintenance, moving farm-stored grain to market, wheat seeding preparations, and limited harvesting of row crops.

## CROPS

**Corn** condition was rated at 1% poor, 8% fair, 68% good, and 23% excellent. About 33% of the crop was mature by week's end, nearly a week ahead of the 5-year average at 22% mature. Corn for grain harvest made a limited start across the State with 3% picked to date. This compares with 0% last year and 2% for the average. Harvest for seed and silage continued.

**Soybean** condition was rated at 1% poor, 15% fair, 70% good, and 14% excellent. Fields with leaves dropping were about a week ahead of the 5-year average with harvest underway, on a limited scale, in most areas.

## CROPS (Cont.)

**Sorghum** condition was rated at 3% very poor, 1% poor, 8% fair, 74% good, and 14% excellent. Fields reaching maturity were about a week ahead of the average, as of Sunday. Last week's warmer weather helped push this maturity rate. Cane harvest continued active. Grain harvest was reportedly a week to ten days away.

**Winter wheat** seeding made good progress last week, although producers are concerned about dry soil conditions and grasshopper infestations. Most advanced areas seeded were in the northwest and north central. Other areas found producers mostly preparing for or working seedbeds with limited seeding to date. Moisture is needed in most locations.

**Dry bean** harvest made good progress last week with 33% harvested by week's end. This compared with 11% last year at this time.

**Alfalfa** condition was rated at 2% very poor, 2% poor, 26% fair, 69% good, and 1% excellent. Third cutting activities were nearly complete in most areas with fourth cutting activities 18% harvested as of Sunday. Recent rains have improved the fourth cutting outlook in areas receiving those rains.

## LIVESTOCK

Pasture and range condition was rated at 84% of normal and compares with 102% last year. Areas with dry conditions continued to experience limited grazing potential with some producers having to supply cattle supplemental hay. Some areas continue to receive rains with pastures continuing to provide good grazing potential. However, rainfall is needed in most areas.

FIELD WORK PROGRESS AS OF SEPTEMBER 11, 1994	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn dented	94	96	94	100	99	100	100	100	98	91	62	79
% corn mature	21	13	25	25	39	40	24	60	33	14	5	22
% corn harvested	0	2	1	3	3	0	3	9	3	0	0	2
% sorghum turning color	0	95	87	100	95	100	99	94	95	81	52	66
% sorghum mature	0	18	10	9	29	37	26	22	24	5	1	15
% soybeans turning color	0	80	84	98	89	100	91	90	88	55	32	49
% soybeans dropping leaves	0	39	30	33	46	53	34	52	42	11	5	17
% soybeans harvested	0	0	1	2	2	1	2	1	1	0	n/a	n/a
% alfalfa third cutting	94	89	97	100	100	100	100	100	97	95	71	85
% alfalfa fourth cutting	0	8	13	29	17	35	33	36	18	0	5	n/a
% wheat sown	45	50	6	7	11	7	5	4	20	5	20	17
% dry beans turning	100	100	100	0	0	100	100	0	99	92	85	n/a
% dry beans dropping leaves	60	100	68	0	0	84	85	0	67	58	47	n/a
% dry beans harvested	31	63	46	0	0	37	3	0	33	15	11	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 9, 1994												
Days suitable	6.7	5.9	4.8	5.3	5.0	5.5	5.6	5.3	5.4	5.7	5.1	
Topsoil moisture - Short	90	71	5	29	21	75	33	41	39	72	8	
(Percent) - Adequate	10	29	95	71	75	25	67	59	60	22	84	
- Surplus	0	0	0	0	4	0	0	0	1	6	8	
Subsoil moisture - Short	80	14	5	14	25	75	21	53	32	31	3	
(Percent) - Adequate	20	86	95	86	75	25	79	47	68	68	81	
- Surplus	0	0	0	0	0	0	0	0	0	1	16	

n/a = not available

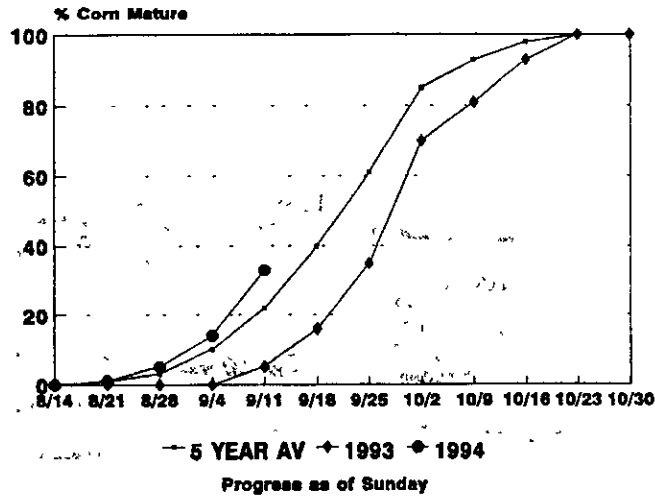
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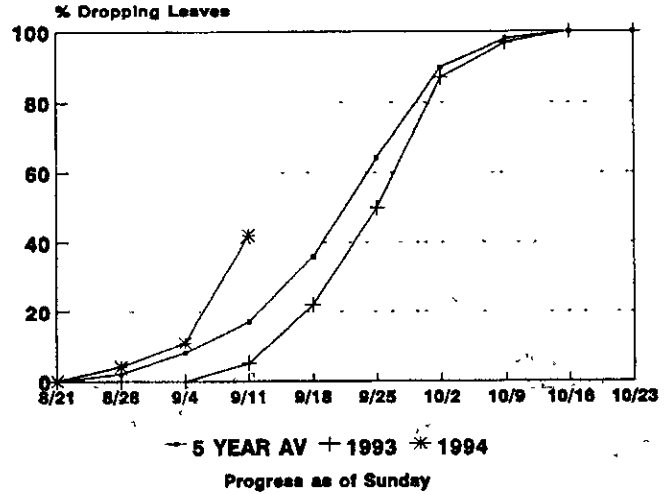
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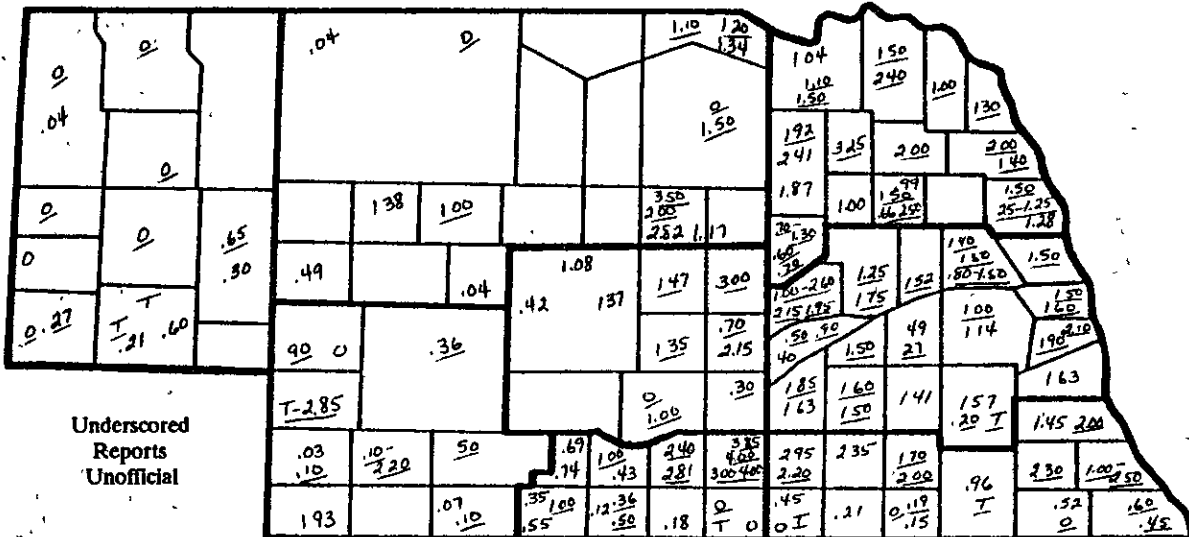
## CORN MATURE



## SOYBEANS DROPPING LEAVES



## PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 9, 1994



## PRECIPITATION, APRIL 1 - SEPTEMBER 9, 1994

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.19	1.04	1.43	1.26	1.18	.51	.34	1.00
Total since April 1 .....	8.53	15.64	16.28	16.89	19.63	12.13	15.80	17.70
Normal since April 1 .....	12.27	15.14	17.54	16.41	18.90	13.77	16.68	19.81
Total as % of normal .....	70%	103%	93%	103%	104%	88%	95%	89%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, SEPTEMBER 11, 1994

Station		Temperature			Precipitation	Growing Degree Data Since April 15			
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	102	43	72	---	0	---	---	---
	Scottsbluff	97	47	72	+8	0	2464	2594	2458
	Sidney	97	51	71	---	.07	2391	2520	2265
NC	Valentine	97	45	73	+9	T	---	---	---
	Arthur	---	---	---	---	---	2361	2498	2299
	O'Neill	---	---	---	---	---	2375	2512	2582
NE	Norfolk	88	51	71	+5	0	---	---	---
	Sioux City	87	52	71	+5	T	---	---	---
	Concord	---	---	---	---	---	2421	2554	2648
	Elgin	---	---	---	---	---	2456	2603	2593
	West Point	---	---	---	---	---	2577	2718	2728
	CEN	Grand Island	89	50	73	+6	T	---	---
	Ord	89	53	72	---	0	2551	2691	2601
	Wood River	---	---	---	---	---	2636	2778	2852
	EC	Lincoln	86	50	71	+3	.10	2864	3026
Omaha		88	52	71	+3	0	---	---	---
Central City		---	---	---	---	---	2641	2782	2860
	Mead	---	---	---	---	---	2634	2775	2835
	Rising City	---	---	---	---	---	2617	2759	2797
	SW	Imperial	92	52	72	---	.02	---	---
North Platte		92	45	72	+8	.07	2503	2640	2533
McCook		---	---	---	---	---	2773	2920	2805
SC	Holdrege	---	---	---	---	---	2698	2841	2764
	Red Cloud	---	---	---	---	---	2760	2911	2825
	SE	Beatrice	---	---	---	---	---	2752	2899
Clay Center		---	---	---	---	---	2675	2818	2821

1/ Precipitation totals not included in map above.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.